



10-21-05

2631  
[Signature]

PTO/SB/21 (04-04)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|---|------------------------|------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 09/632,180       |
|   | Filing Date            | August 3, 2000   |
|   | First Named Inventor   | Vadim Lubomirsky |
|   | Art Unit               | 2631             |
|   | Examiner Name          | Kevin M. Burd    |
| Total Number of Pages in This Submission  | Attorney Docket Number | 3197-000057      |

| ENCLOSURES (check all that apply)   |  |   |         |  |
|---|--|---|---------|--|
| <input type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment / Reply<br><br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC)<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br><b>Return Receipt Postcard</b> |         |  |
| <table border="1"><tr><td>Remarks</td><td>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 88-0750. Duplicate copy of this sheet is enclosed.</td></tr></table><br><b>EV 717 344 273 US</b>  |  |   | Remarks | The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 88-0750. Duplicate copy of this sheet is enclosed. |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                                  |                                   |                    |
|--|----------------------------------|-----------------------------------|--------------------|
| Firm or Individual name                    | Harness, Dickey & Pierce, P.L.C. | Attorney Name<br>Joseph M. Lafata | Reg. No.<br>37,166 |
| Signature                                  |                                  |                                   |                    |
| Date                                       | October 20, 2005                 |                                   |                    |

| CERTIFICATE OF TRANSMISSION/MAILING   |                  |                        |                                |
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| Typed or printed name   | Joseph M. Lafata | Express Mail Label No. | EV 717 344 273 US (10/20/2005) |
| Signature   |                  | Date                   | October 20, 2005               |

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/632,180  
Filing Date: August 3, 2000  
Applicant: Vadim Lubomirsky  
Group Art Unit: 2631  
Examiner: Kevin M. Burd  
Title: Higher PWM Resolution for Switchmode Power  
Supply Control  
Attorney Docket: 3197-000057

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

In response to the Office Action mailed July 20, 2005, please consider the remarks set forth below.

**Remarks** begin on page 2 of this paper.